# The 相reklg Tingar 

## 10 Problems in Solving First-Degree Inequalities Involving Fractional Forms

 (Part 1)
## PROBLEMS

Solve each inequality, beginning by using the method of "clearing fractions," and express the solution set using interval notation.

1. $\frac{x}{2}+\frac{2 x}{3}>\frac{3 x}{4}+\frac{5}{3}$.
2. $5 x>\frac{3 x}{2}+14$.
3. $\frac{2 x}{5}-\frac{2 x}{3}<\frac{x}{4}-\frac{31}{12}$.
4. $\frac{2 x}{5}-\frac{2 x}{3}>\frac{2 x}{5}-2$.
5. $4+\frac{x}{3}<7+\frac{x}{4}$.
6. $\frac{x}{2}+\frac{x}{6} \leq 4-\frac{x}{3}$.
"Only he who never plays, never loses."
